

ABSTRACT

A foam material modular toy structure consisting of differently shaped solid components fabricated from a foam material, wherein each solid foam component has an octagonal through-hole and a projecting umbrella-shaped tenon, enabling assembly into a creative
5 toy. Furthermore, the joints formed by umbrella-shaped tenons and the octagonal through-holes enables articulation at a range of angles and maintenance at fixed positions, with the utilization of a foam material having inherent elasticity enabling disassembly to reduce space occupancy and facilitate storage. As such, the present invention achieves the objectives of repeated creative assembly as well as lively, flexible
10 operational performance.